


REQUEST FOR ACTION (RFA)			
1. Review Type SNG System Requirements Review		2. RFA No. 06	
3. Review Date 11/16/09			
4. Title SN gateway operations concept			
5. Action Consider refining the current operations concept for the SN gateway to provide a more automated approach to supporting customer missions. The currently proposed approach appears to require an operator to properly configure the SN gateway to support a customer mission for each and every forward/return service. The proposed approach may not be sustainable with the current SN operations philosophy/staffing, is prone to error which would affect customer support, and does not appear to be compatible with customer MOC lights-out operations.			
Reference SN gateway SRR presentation, pages 26-29			
6. Originator/Organization/Telephone No./E-mail Tim Rykowski/NASA GSFC 581/301-286-2460/timothy.b.rykowski@nasa.gov			
7. Assigned To/Organization/Telephone No./E-mail Chris Finegan, SGT, cfinegan@sgt-inc.com, 301-352-4807			Due Date 12/16/2009
8. Response A complete Block 0 SNG CONOPS will be created to expand upon the preliminary version presented at SRR. The complete CONOPS will address nominal and failover operations as well as specific support for lights-out MOC operations, and will be developed based on trade studies and ongoing discussions with stakeholders for the SN, RBSP, and GPM. Delivery of the CONOPS is planned for February 2010. It should be noted that the CONOPS as presented at SRR did not intend for the operator to build a complete data channel processing specification prior to each contact. Those specifications would be developed in advanced and stored on the SNG, with the operator performing a simple File ->Open type operation to load the specification. In addition, methods are being investigated to allow the operator to load a schedule with associated data channel processing specifications for multiple contacts in advance.			
9. Response By/Organization/Telephone No./E-mail Chris Finegan, SGT, cfinegan@sgt-inc.com, 301-352-4807			Date Prepared 12/11/2009
10. Originator Contacted	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Date
11. Disposition	<input checked="" type="checkbox"/> Open	<input type="checkbox"/> Deferred	<input type="checkbox"/> Closed
<input type="checkbox"/> Withdrawn			
12. Comments RFA #13 will also be addressed in the CONOPS created in response to this RFA.			
13. Approval			
 Harry Shaw – Code 452 USU Review Board Chair			3-8-2010 Date